IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

1	CLAIMS
2	I claim:
3	1. A steering system for a boat having an outboard motor with a jet drive output
4	comprising:
5	a) a directional nozzle, pivotably mounted to said outboard motor such that said
· 6	directional nozzle surrounds said jet drive output and extends backward therefrom;
7	b) an actuator, mounted on said boat;
8	c) a cable having two ends, the first end of said cable being attached to said
9	directional nozzle and the second end of said cable being attached said actuator; and
10	d) a joystick controller, connected to said actuator to control the steering of said
11	boat.
12	2. The steering system of claim 1 further comprising:
13	a) a reversing cup, pivotably mounted to said outboard motor such that said
14	extends backward from said jet drive;
15	b) a second actuator, mounted on said boat;
.16	c) a second cable having two ends, the first end of said cable being attached to
17	said reversing cup and the second end of said cable being attached said second actuator;
18	and
19	d) a joystick controller, connected to said second actuator to control said boat.
20	3. A steering system for a boat having an outboard motor with a jet drive output
21	comprising:
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1	a) a directional nozzle, pivotably mounted to said outboard motor such that said
2	directional nozzle surrounds said jet drive output and extends backward therefrom;
3	b) a first actuator, mounted on said boat;
4	c) a first cable having two ends, the first end of said first cable being attached to
5	said directional nozzle and the second end of said first cable being attached said first
. 6	actuator;
7	d) a reversing cup, pivotably mounted to said outboard motor such that said
8	extends backward from said jet drive;
9	e) a second actuator, mounted on said boat;
10	f) a second cable having two ends, the first end of said cable being attached to
11	said reversing cap and the second end of said cable being attached said second actuator;
12	and
13	g) a joystick controller, connected to said first and second actuators to control
14	said boat, whereby said joystick controller has a first set of switches that engage said
15	first actuator to steer the boat from left to right by moving said directional nozzle, and a
16	second set of switches that engage said second actuator to move the boat in a forward
17	or reverse direction by moving said reversing cup.
18	4. A steering system for a boat having a convention outboard motor having a
19	throttle lever, a transmission lever and a steering arm comprising:
20	a) a first servomotor, operably attached to said throttle lever;
21	b) a solenoid, operably attached to said transmission lever;

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ì	c) a second servomotor, operably attached to said steering arm; and
2	d) a joystick controller, electrically connected to said first, second and third
3	servomotors to control said boat, whereby said joystick controller has a first switch that
4	controls said first servomotor to control the throttle lever, a second set of switches that
5	engage said solenoid to move the boat in a forward or reverse direction by controlling
6	said transmission lever, and a third set of switches to control said second servo motor to
	steer the boat from left to right by moving said steering arm.
7 8	5. The steering system of claim 4 wherein the first, second and second
8	5. The steering system of claim 4 wherein the first, second and second

5. The steering system of claim 4 wherein the first, second and second servomotors are forward-reverse, worm-drive electric servomotors.

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6. The steering system of claim 4 further comprising a reverse lock switch, mounted on said joystick.